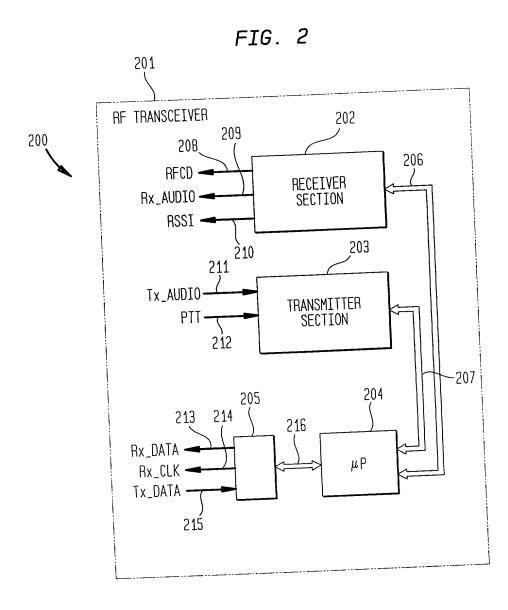
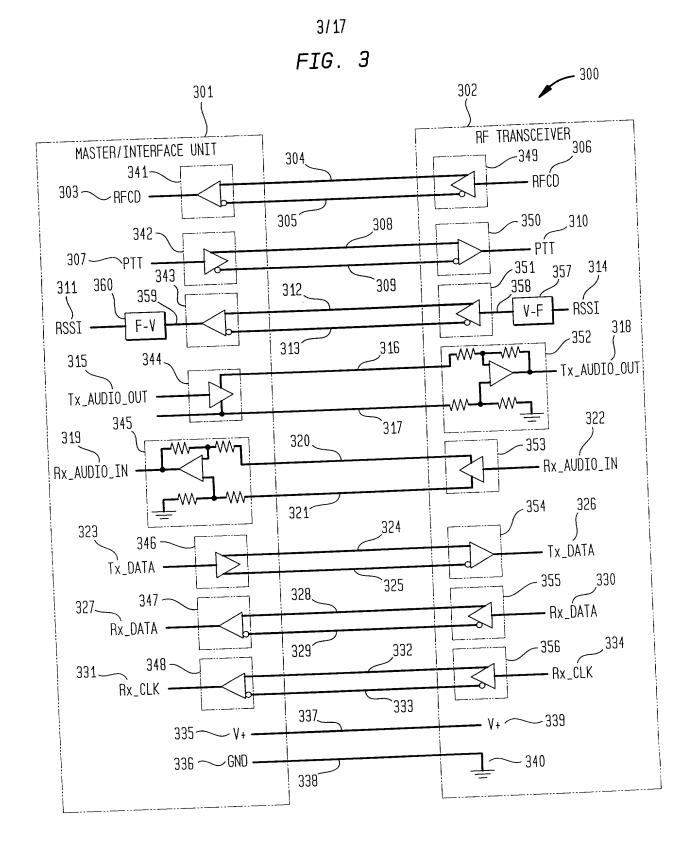


FIG.





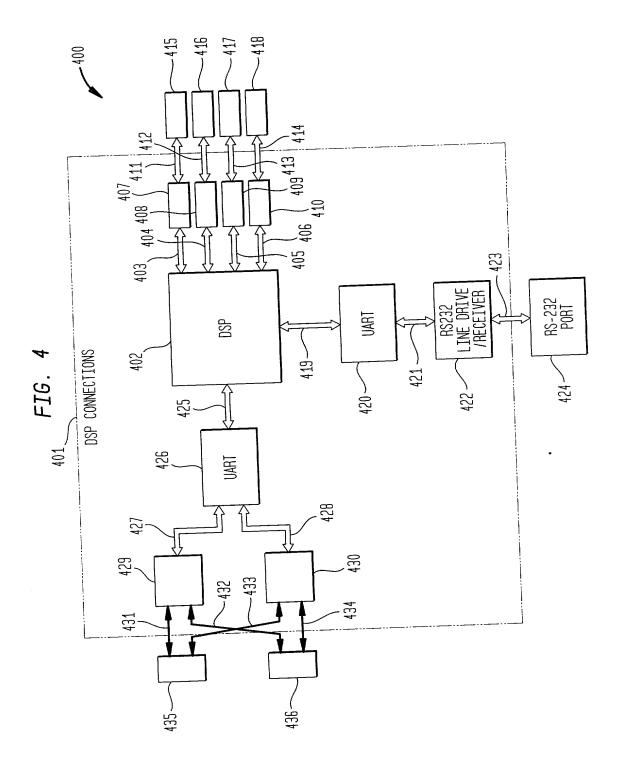
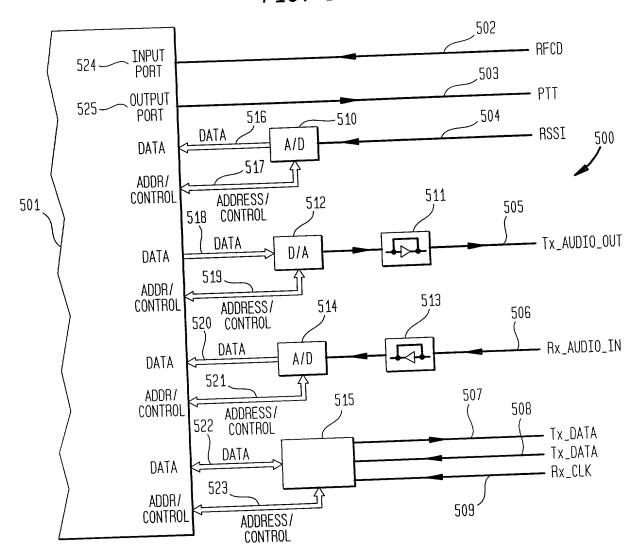
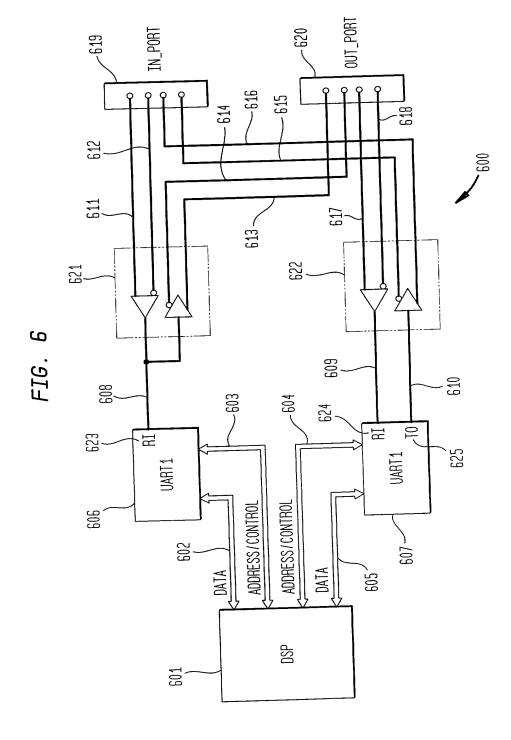
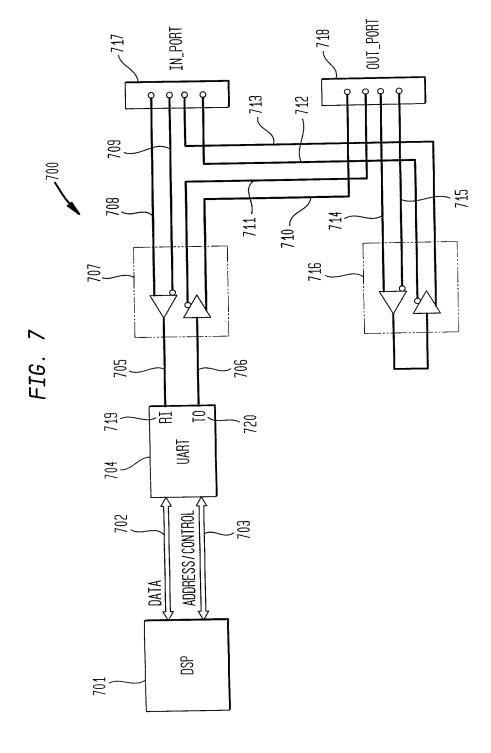
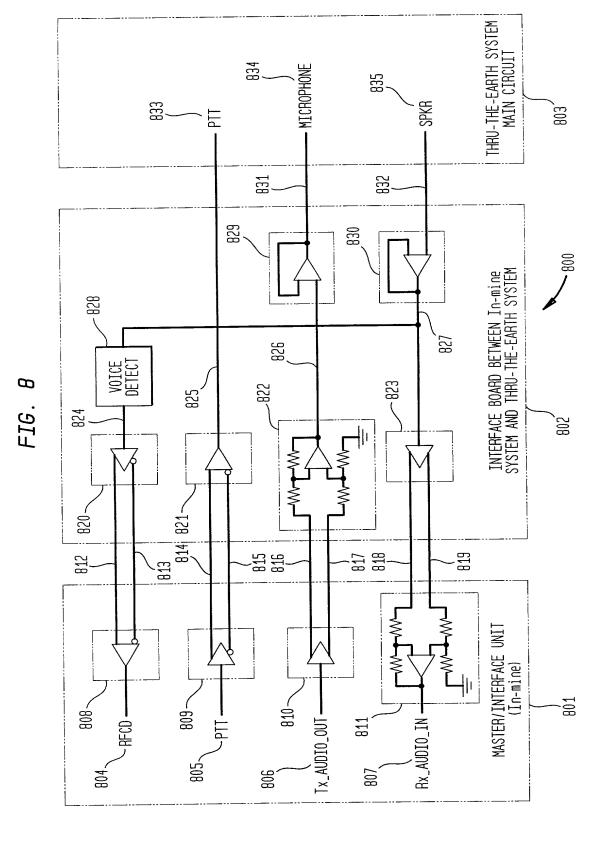


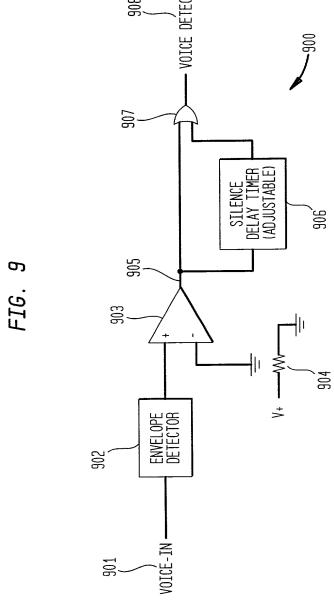
FIG. 5

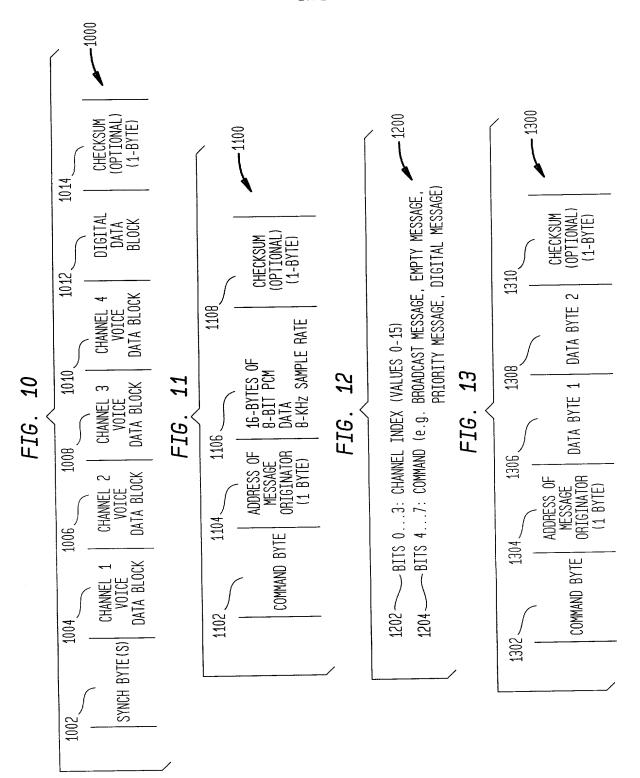


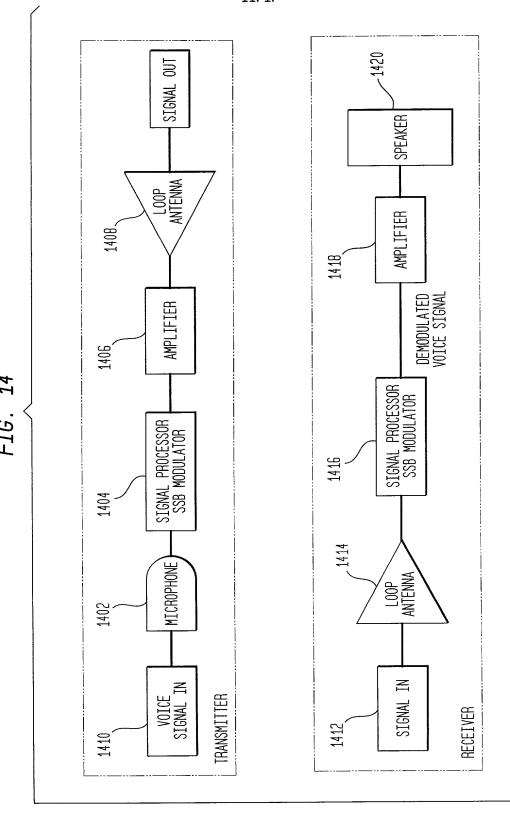












SPEAKER L00P ANTENNA 1506 1512 AMPL IFIER POWER BRIDGE AMPLIFIER 1505 DSP SSB DEMODULATOR 1511 RECEIVER - 1515 PREAMPLIFIER DSP TRACKING COMB FILTER FIG. 15 1504 1510 -1514TRANSMITTER — 1509 1517 RELAY DSP SSB MODULATOR AGC AMPLIFIER 1503 1508 BAND PASS PASSIVE FILTER 1516 AGC AMPLIFIER 1502 PII MICROPHONE 1501 1507 LOOP ANTENNA

FIG. 16

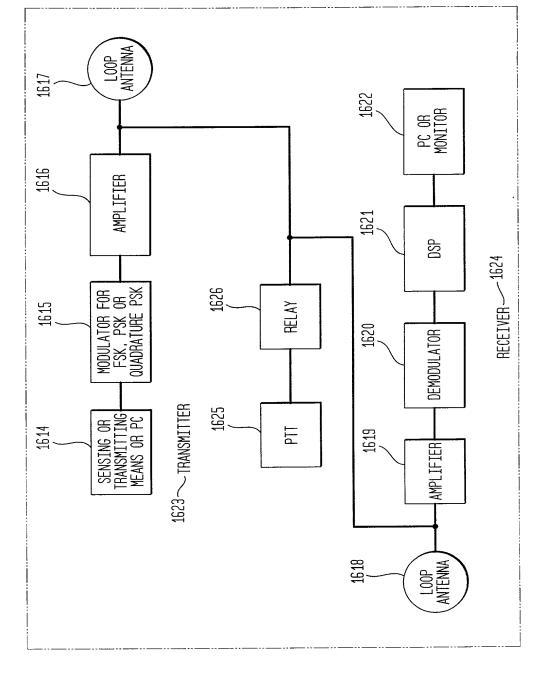


FIG. 17

